

What is Claimed is:

1. A liquid actuated lighting liquid container, comprising:

a container having a cup body defining a liquid cavity for containing a liquid therein, a cup base, having a storage cavity, downwardly extended from said cup body, and two sealing slots spacedly extended from said cup body to said cup base to communicate said liquid cavity with said storage cavity; and

a liquid actuated lighting arrangement, comprising:

two terminals disposed in said two sealing slots respectively, wherein each of said terminals has a head portion extended to a position within said liquid cavity and a tail portion extended to a position within said storage cavity;

a sealing arrangement provided at each of said terminals to sealedly mount said terminal within said respective sealing slot in a watertight manner for preventing said liquid within said liquid cavity from leaking to said storage cavity through said sealing slots; and

an illumination unit, which is received in said storage cavity of said cup base, comprising a circuit electrically connected with said terminals and at least an illuminator electrically mounted on said circuit, thereby, when said liquid is filled within said liquid cavity of said cup body, said two terminals are electrically connected via said liquid as a conductive media so as to actuate said illuminator to provide a lighting effect on said container.

2. A liquid actuated lighting liquid container, as recited in claim 1, wherein said sealing arrangement is provided at a neck portion of each of said terminals between said head portion and said tail portion, wherein a diameter of said neck portion of said terminal is smaller than a diameter of each of said head and tail portions of said terminal, wherein each of said sealing slots having a corresponding shaped is sealedly surround said neck portion of said respective terminal so as to sealedly enclose said terminal between said cup body and said cup base in a watertight manner.

3. A liquid actuated lighting liquid container, as recited in claim 1, wherein said liquid actuated lighting arrangement further comprises two resilient members electrically extended from said circuit for applying urging forces against said terminals respectively, so as to electrically connect said two terminals with said circuit.

5 4. A liquid actuated lighting liquid container, as recited in claim 2, wherein said liquid actuated lighting arrangement further comprises two resilient members electrically extended from said circuit for applying urging forces against said terminals respectively, so as to electrically connect said two terminals with said circuit.

10 5. A liquid actuated lighting liquid container, as recited in claim 3, wherein each of said resilient members is a compression spring having two ends respectively biasing against said circuit and said respective terminal to electrically connect said terminals with said circuit.

15 6. A liquid actuated lighting liquid container, as recited in claim 4, wherein each of said resilient members is a compression spring having two ends respectively biasing against said circuit and said respective terminal to electrically connect said terminals with said circuit.

20 7. A liquid actuated lighting liquid container, as recited in claim 5, wherein said tail portion of each said terminal is shaped as a spring holder to slidably insert into one of said ends of said respective resilient member while another said end thereof is electrically mounted on said circuit.

8. A liquid actuated lighting liquid container, as recited in claim 6, wherein said tail portion of each said terminal is shaped as a spring holder to slidably insert into one of said ends of said respective resilient member while another said end thereof is electrically mounted on said circuit.

25 9. A liquid actuated lighting liquid container, as recited in claim 2, wherein said cup base is integrally extended from said cup body to form said container having a one-piece integral structure, wherein said storage cavity is provided at a bottom side of said cup base to receive said illumination unit therein.

10. A liquid actuated lighting liquid container, as recited in claim 4, wherein said cup base is integrally extended from said cup body to form said container having a one-piece integral structure, wherein said storage cavity is provided at a bottom side of said cup base to receive said illumination unit therein.

5 11. A liquid actuated lighting liquid container, as recited in claim 8, wherein said cup base is integrally extended from said cup body to form said container having a one-piece integral structure, wherein said storage cavity is provided at a bottom side of said cup base to receive said illumination unit therein.

10 12. A liquid actuated lighting liquid container, as recited in claim 4, wherein said two terminals are embodied as a position charged terminal and a negative charged terminal respectively, wherein said two terminals are adapted for being electrically connected through a low conductive media.

15 13. A liquid actuated lighting liquid container, as recited in claim 8, wherein said two terminals are embodied as a position charged terminal and a negative charged terminal respectively, wherein said two terminals are adapted for being electrically connected through a low conductive media.

20 14. A liquid actuated lighting liquid container, as recited in claim 11, wherein said two terminals are embodied as a position charged terminal and a negative charged terminal respectively, wherein said two terminals are adapted for being electrically connected through a low conductive media.

25 15. A liquid actuated lighting liquid container, as recited in claim 4, wherein said circuit of said illumination unit, which comprises a battery holder for receiving a replaceable battery to electrically connect to said illuminator, is a low conductivity circuit adapted to be actuated through a very low current with respect to an electrode current of said liquid.

30 16. A liquid actuated lighting liquid container, as recited in claim 8, wherein said circuit of said illumination unit, which comprises a battery holder for receiving a replaceable battery to electrically connect to said illuminator, is a low conductivity circuit adapted to be actuated through a very low current with respect to an electrode current of said liquid.

17. A liquid actuated lighting liquid container, as recited in claim 11, wherein said circuit of said illumination unit, which comprises a battery holder for receiving a replaceable battery to electrically connect to said illuminator, is a low conductivity circuit adapted to be actuated through a very low current with respect to an electrode current of
5 said liquid.

18. A liquid actuated lighting liquid container, as recited in claim 4, wherein said container further has a magnifying lens integrally formed on a ceiling of said storage cavity at a position aligning with said illuminator for magnifying a light from said illuminator throughout said cup body.

10 19. A liquid actuated lighting liquid container, as recited in claim 8, wherein said container further has a magnifying lens integrally formed on a ceiling of said storage cavity at a position aligning with said illuminator for magnifying a light from said illuminator throughout said cup body.

15 20. A liquid actuated lighting liquid container, as recited in claim 11, wherein said container further has a magnifying lens integrally formed on a ceiling of said storage cavity at a position aligning with said illuminator for magnifying a light from said illuminator throughout said cup body.